



IO22053

United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

Policy and Program
Development

Environmental and
Risk Analysis
Services, Unit 149
4700 River Road
Riverdale, MD
20737

Document Processing Desk [6(a)(2)]
Office of Pesticide Programs (7504P)
Ariel Rios Building
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460-0001

ATTN: Norman Spurling (7502P)

SUBJECT: **FIFRA, Section 6(a)(2) report: aggregate adverse effect incidents dated March, April, and May 2010 for the reporting period ending July 31, 2010**

ENQL 7-1 CY10
PERMANENT
Retire 07/15

July 15, 2010

During this reporting period, the following APHIS-registered pesticide product was involved in two adverse incidents:

EPA Reg. No. 56228-15
Active Ingredient:
Sodium Cyanide

M-44 Cyanide Capsules
CAS No. 143-33-9

<u>Incident Category</u>	<u>No. of Incidents</u>
D-A	1 - 001
W-B	1 - 002

Details of these incidents can be found in enclosures 1 and 2.

Out of an abundance of concern, we are also reporting one more incident involving the deliberate off-label misuse of a pesticide. The incident, detailed in enclosure 3, involved the poisoning of 13 dogs with sodium fluoroacetate (Compound 1080) in a residential area of Salmon, Idaho, over a period of time starting in January 2010. There is no evidence that an APHIS-registered product was involved in the incident. APHIS Wildlife Services (WS) in Idaho have Livestock Protection Collars (LPCs) that contain 1% solution of Compound 1080, but no collars have been deployed in Idaho in 5 years. All LPCs have been accounted for by Idaho WS. If any more information becomes available to us about this incident, we will forward it to you.) - 003



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Please direct any questions pertaining to this adverse incident report to Ann Nasr at
(301) 734-5170 or e-mail ann.m.nasr@aphis.usda.gov .

Sincerely,



Kenneth R. Seeley
Chief, Environmental and Risk Analysis Services

Enclosures (3)

2500

Enclosure 1

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
WILDLIFE SERVICES

-001

6(a)(2) ADVERSE EFFECTS INCIDENT INFORMATION REPORT

INCIDENT CODE D-A	INCIDENT STATUS		DATE WS BECAME AWARE OF THE INCIDENT 4.12.2010	ES USE ONLY REPORT NUMBER
	Date <input checked="" type="checkbox"/> New	Date of last submission <input type="checkbox"/> Update		
EMPLOYEE NAME (To contact for additional information) Rhonda Liles	TELEPHONE NUMBER 361 299.2250	CONTACT NAME (If Non-APHIS)		TELEPHONE NUMBER
DUTY STATION ADDRESS 9259 North Padre Island Drive Suite L, Corpus Christi, TX		ADDRESS		
INCIDENT LOCATION		SOURCE OF INFORMATION		
Ranch	STATE TX	COUNTY Bee	<input type="checkbox"/> Self <input type="checkbox"/> Media <input checked="" type="checkbox"/> Telephone Call <input type="checkbox"/> Oral Report <input type="checkbox"/> Letter <input type="checkbox"/> Other	

EXPOSURE TYPE (Examples include spill, splash, drift, runoff or other.)

M44 pulled by calf

INCIDENT SITE (Examples include commercial or residential sites, forest/woods, agricultural (specify crop), rangeland/pasture, noncrop area, fallow field, public lands (specify), recreational area (specify), right-of-way (rail, utility, highway))

Ranch

SITUATION RELATING TO PRODUCT ADVERSE INCIDENT: (examples include application, mixing/loading, reentry, during transport, repair/maintenance of application equipment, during manufacturing/formulation)

M44 set in pasture

EPA REGISTRATION NUMBER 56228-15	PRODUCT NAME M44 Cyanide Capsule	ACTIVE INGREDIENT Sodium cyanide
WAS THE PRODUCT <input checked="" type="checkbox"/> Concentrated <input type="checkbox"/> Diluted	WHAT WAS THE DILUTION RATIO (if applicable)	WERE THE LABEL DIRECTIONS FOLLOWED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IS THERE EVIDENCE OF INTENTIONAL MISUSE (If "Yes", explain)		WAS THE APPLICATOR CERTIFIED (if applicable) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

☐ Yes ☒ No

SUMMARY OF THE INCIDENT (Attach supplemental form if needed)

M44 placed on **Ranch** for coyote control. Owner called me the morning of the incident to report a dead calf near a pulled M44. Calf was a few feet from the device, with orange dye in its mouth. No punctures were found on the cap. No dead coyotes located. David Trevino, troubleshooter, and I investigated incident that day.

NAME OF PREPARER Rhonda Liles	SIGNATURE Rhonda Liles	TELEPHONE NUMBER 361.299.2250	DATE 4.23.10
NAME OF SUPERVISOR Rick Sramek	SIGNATURE	TELEPHONE NUMBER 361.299.1176	DATE

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
WILDLIFE SERVICES

6(a)(2) ADVERSE EFFECTS INCIDENT INFORMATION REPORT

INCIDENT CODE WB	INCIDENT STATUS		DATE WS BECAME AWARE OF THE INCIDENT 04/07/2010	ES USE ONLY REPORT NUMBER
	Date <input checked="" type="checkbox"/> New 04/07/2010 <input type="checkbox"/> Update	Date of last submission		
EMPLOYEE NAME (To contact for additional information) Scott Evens		TELEPHONE NUMBER 701-728-6623	CONTACT NAME (If Non-APHIS)	TELEPHONE NUMBER
DUTY STATION ADDRESS 930 59th Street North Granville, ND 58741			ADDRESS	
INCIDENT LOCATION			SOURCE OF INFORMATION	
CITY	STATE ND	COUNTY Bottineau	<input checked="" type="checkbox"/> Self <input type="checkbox"/> Telephone Call <input type="checkbox"/> Letter <input type="checkbox"/> Media <input type="checkbox"/> Oral Report <input type="checkbox"/> Other	
EXPOSURE TYPE (Examples include spill, splash, drift, runoff or other.)				

INCIDENT SITE [examples include commercial or residential sites, forest/woods, agricultural (specify crop), rangeland/pasture, noncrop area, fallow field, public lands (specify), recreational area (specify), right-of-way (rail, utility, highway)]

Rangeland/Pasture

SITUATION RELATING TO PRODUCT ADVERSE INCIDENT: [examples include application, mixing/loading, reentry, during transport, repair/maintenance of application equipment, during manufacturing/formulation]

M-44 device activated by non-target
species - Raven, Common

EPA REGISTRATION NUMBER 56228-15	PRODUCT NAME M-44	ACTIVE INGREDIENT Sodium Cyanide	
WAS THE PRODUCT <input checked="" type="checkbox"/> Concentrated <input type="checkbox"/> Diluted	WHAT WAS THE DILUTION RATIO (If applicable)	WERE THE LABEL DIRECTIONS FOLLOWED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WAS THE APPLICATOR CERTIFIED (If applicable) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

IS THERE EVIDENCE OF INTENTIONAL MISUSE (If "Yes", explain)

☐ Yes ☒ No

SUMMARY OF THE INCIDENT (Attach supplemental form if needed)

M-44 devices had been set as part of integrated predator damage
program for livestock protection.

NAME OF PREPARER Nancy Stephan	SIGNATURE <i>Nancy Stephan</i>	TELEPHONE NUMBER 701-250-4405	DATE 04/28/2010
NAME OF SUPERVISOR Phil Mastrangelo	SIGNATURE <i>Phil Mastrangelo</i>	TELEPHONE NUMBER 701-250-4405	DATE 04/28/2010

DOMESTIC ANIMAL, FAUNA, OR FLORA INCIDENT - SUPPLEMENTAL REPORT FORM

ES USE ONLY

REPORT NUMBER

"X" ONE

☐ Amphibian ☐ Fish ☒ Bird ☐ Mammal ☐ Invertebrate ☐ Reptile ☐ Plant

"X" ONE

☐ Domestic ☒ Wild

NUMBER OR ACRES AFFECTED

SPECIES COMMON NAME

Raven, Common

BREED (If known)

DESCRIBE SIGNS, SYMPTOMS, ADVERSE EFFECTS

The Raven was killed after activating a M-44 device.

IF LABORATORY TESTS WERE PERFORMED, LIST NAME OF TEST(S) AND RESULTS (if available, attach copies):

MAGNITUDE OF THE EFFECT (e.g., miles of streams, square area of terrestrial habitat)

PESTICIDE APPLICATION RATE AND METHOD OF APPLICATION (Include brief description of baiting if applicable)

1 M-44 device was activated.

WAS PREBAITING USED ON THE SITE (Describe)

☐ Yes ☒ No

DESCRIPTION OF THE HABITAT AND CIRCUMSTANCES UNDER WHICH THE INCIDENT OCCURRED

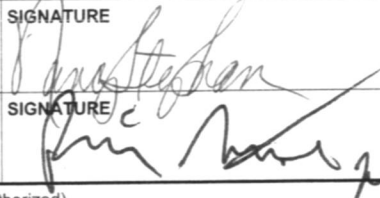
M-44 devices were set in Range/Pasture land for management of coyote predation in livestock.

ADDITIONAL FACTORS

NAME OF PREPARER

Nancy Stephan

SIGNATURE



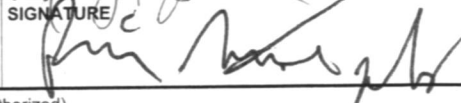
DATE

04/28/2010

NAME OF SUPERVISOR

Phil Mastrangelo

SIGNATURE



DATE

04/28/2010

Enclosure 3

IO 22053-003

Thursday, May 27, 2010

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Predator poison killing central Idaho dogs

- The Associated Press
Published: 05/15/10

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SALMON, Idaho — A poison called Compound 1080 that's intended to kill predators is behind a rash of dog poisonings that have killed 13 pets in the central Idaho town of Salmon since January, a toxicologist says.

Veterinary Diagnostic Toxicologist Patricia Talcott with the Washington State University laboratory examined four of the dead dogs poisoned within a two-block area in the city's main residential section.

"It is a very unusual type of poisoning," Talcott told the Post Register. In 20 years at the lab, "this is the biggest outbreak I have seen involving 1080."

Compound 1080 is restricted to collars worn by livestock and intended to kill attacking predators such as wolves and coyotes. It is distributed by the Wildlife Services agency, an arm of the U.S. Department of Agriculture.

Mark Collinge, the Idaho director for the department's Wildlife Services, said Compound 1080 has not been deployed in Idaho in five years.

Pesticide experts say someone could have stockpiled the poison before its use was restricted.

"We need to be ever more vigilant and call in anything that appears suspicious," said Salmon Police Chief Jim Spain.

Some Salmon residents are keeping their pets indoors or have sent them out of state. Residents are also concerned about their children.

It can take from 30 minutes to several hours for animals to show symptoms after being poisoned with the odorless and tasteless Compound 1080.

A reward of \$5,500 is being offered for information leading to the arrest of whoever is putting out the poison.

Information from: Post Register, <http://www.postregister.com>

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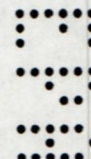
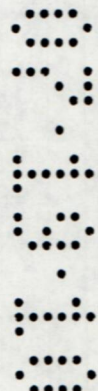
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6

Enclosure 3 (cont'd)

Wednesday, June 9, 2010 - Idaho Falls, Pocatello, Blackfoot

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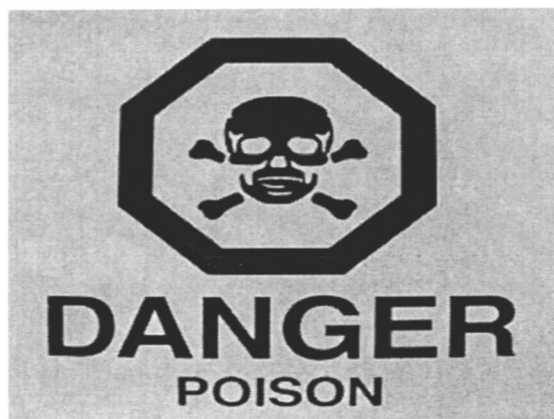
Dogs poisoned with "1080," reward being offered

By Steven Pope

STORY

 SHARE   

Story Published: May 17, 2010 at 5:23 PM MDT Story Updated: May 17, 2010 at 5:26 PM MDT



Comments (3)

SALMON - The Salmon Police Department announced that they think dogs are being intentionally poisoned in residential neighborhoods with a poison known as "1080" - aka Sodium fluoroacetate.

"1080" is a water-soluble, tan-colored substance that is used as a poison. "1080" is highly toxic to all animals. According to the United States Environmental Protection Agency (EPA) the only current legal use of "1080", a restricted use pesticide, is by trained and certified commercial federal applicators for coyote

control. It has been banned for general use for a number of years.

Two separate residential locations within city limits have been the site of a handful of dog deaths that police think were intentionally

targeted.

Dogs that have ingested "1080" may show symptoms of poisoning through nervous system signs, specifically such as convulsions, hyperactivity and vomiting.

As of May 14, 2010 the Humane Society of the United States is offering an additional reward of up to \$2,500 for information leading to the identification, arrest and conviction of the person or persons responsible for the suspicious dog deaths in Salmon, Idaho. The Lemhi County Humane Society has raised \$3,000 to date, this increases the total reward offered up to \$5,500 for specific information leading to the arrest and conviction of the offender(s) in these dog deaths.

Sheriff's Office dispatch will continue to receive any information anyone may have at 756-8980 or at the tip line at 756-4636.

The Idaho State Statutes also has a specific statute that pertains to the poisoning of any animal in the State of Idaho, is punishable by imprisonment in the state prison not exceeding three (3) years, or in the county jail not exceeding one (1) year, and a fine not less than one hundred dollars (\$100) or more than five thousand dollars (\$5000).

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Summary

The Salmon Police Department announced that they think dogs are being intentionally poisoned in residential neighborhoods with a poison known as "1080." \$5,500 dollars is being offered for information related to the suspicious dog deaths.

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This weekend is Free Fishing Day for kids in Island Park. The Eastern Idaho area is home to some of the best fishing in the world. Do you consider yourself an angler?

☐ Absolutely. There's nothing I'd rather be doing.

☐ Fishing is one of the things I enjoy, but it's not the activity I love most.

☐ I've been fishing a few times and thought it was okay.

☐ Fishing just isn't my thing.

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